

WHAT IS CLAIMED IS:

1. A digital image shooting device comprising:
 an image forming lens;
 an image sensor element;
 a data processing unit for processing an output
 signal from said image sensor element into digital image
 data;
 an image memory for storing the digital image data;
 and
 a lens characteristic correction unit for performing,
 by using a lens characteristic of said image forming lens
 and a position of a frame image photographed, a process of
 correcting a deterioration of an image quality derived from
 said image forming lens upon the digital image data.

2. A digital image shooting device according to claim
 1, wherein the image quality deterioration corrected by
 said lens characteristic correction unit is at least one of
 a chromatic aberration of magnification, a distortion
 aberration, defocusing and a decrease in marginal
 lumination.

3. A digital image shooting device according to claim
 1 ~~or 2~~, wherein said lens characteristic correction unit

corrects the deterioration of the image quality before a process of compressing the digital image data.

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a
4. A digital image shooting device according to ^{claim 1} ~~any~~
~~one of claims 1 to 3~~, wherein said lens characteristic correction unit performs the correction before the photographing of a next frame or during the photographing of the next frame onward, and the digital image data of the frame which is performed the correction by the lens characteristic correction unit is stored in said image memory.

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a
5. A digital image shooting device according to ^{claim 1} ~~any~~
~~one of claims 1 to 4~~, wherein said image memory is a built-in image recording medium or a removable image recording medium.

a
a
6. A digital image shooting device according to ^{claim 1} ~~any~~
~~one of claims 1 to 5~~, further comprising an image display unit for displaying the photographed image,

wherein an image based on the digital image data which is or is not performed the correction process in said lens characteristic correction unit, is displayed on said image display unit, and the digital image data performed

the correction process in said lens characteristic correction unit, is stored in a memory.

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7. A digital image shooting device according to ^{claim 1} ~~any~~
~~one of claims 1 to 6,~~ wherein an image of a region larger than a photographic region confirmed by a photographer is formed on said image sensor element in accordance with missing of pixels which is caused as a result of the correction by said lens characteristic correction unit.

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